## Issue Classification



| Application/Control | No. |
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| 10/820 830          |     |

Applicant(s)/Patent under Reexamination YUMOTO, KATSUYUKI

Examiner

Thomas R. Peeso

Art Unit 2132

| CLASS   SUBCLASS   S | ISSUE CLASSIFICATION  |      |         |        |  |        |         |  |             |          |                    |               |       |        |             |        |             |        |  |
|--|---|------|---------|--------|--|--------|---------|--|-------------|----------|--------------------|---------------|-------|--------|-------------|--------|-------------|--------|--|
| Cross References   |   |      |         |        |  |        |         |  |             |          |                    |               |       |        |             |        |             |        |  |
| Class   SUBCLASS (ONE SUBCLASS PER BLOCK)   /   /   /   /   /   /   /   /   /  | CLASS SUBCL   |      |         |        | CLASS  |        |         | С  | LAIMED      |          | NON-CL             |               |       |        | LAIMED      | LAIMED |             |        |  |
| CLASS   SUBCLASS (ONE SUBCLASS PER BLOCK)  | 7/3 18  |      | 7       |        | 20   | 6      | FO      | 9/   | 00          |          |                    |               |       | 1      |             |        |             |        |  |
| CLASS   SUBCLASS (ONE SUBCLASS PER BLOCK)   7   3   6   7   7   7   7   7   7   7   7   7  | CROSS REFERENCES  |      |         |        |  |        |         |  |             |          | ,                  |               |       |        |             |        | ,           |        |  |
| Claims renumbered in the same order as presented by applicant   CPA  |   |      |         | ONE SU |  |        |         | _  | ļ           |          |                    |               |       |        |             |        |             |        |  |
| Claims renumbered in the same order as presented by applicant   CPA  | 713   | 163  | $\mp L$ | 67     | 187  | 19     | 3       | -  | <u> </u>    |          |                    |               |       |        | _           |        | ···         |        |  |
| THOMAS R. PESO   PRIMARY EXAMINER   Total Claims Allowed:  |   |      |         |        |  |        |         |  | ļ           |          |                    | <del>.</del>  |       |        |             |        |             |        |  |
| Claims renumbered in the same order as presented by applicant   CPA  |   |      |         |        |  |        |         | <del>                                     </del> |             |          |                    |               |       |        |             | •      | <del></del> |        |  |
| Claims renumbered in the same order as presented by applicant   CPA  |   |      |         |        |  |        |         |  |             |          | 1                  |               |       |        |             |        |             |        |  |
| Claims renumbered in the same order as presented by applicant   CPA  | THOMAS R. PEESO   |      |         |        |  |        |         |  |             |          |                    |               |       |        |             |        |             |        |  |
| Claims renumbered in the same order as presented by applicant  | PRIMARY EXAMINER Total Claims Allowed:                                |      |         |        |  |        |         |  |             |          |                    |               |       |        |             |        |             |        |  |
| Claims renumbered in the same order as presented by applicant  | (A)   | MX   | 12      | 7      | JIM  |        |         |  | 7//         | ~/       | $oldsymbol{\perp}$ |               |       | D.G.   | <del></del> |        | 0           | G.     |  |
| Claims renumbered in the same order as presented by applicant  |   |      | IU      | S/A    |  | (Prima | ry Exam | niner)   | 24          | (Date)   | 1                  |               | Print | Claim( | s)          |        | Prin        | t Fig. |  |
| E      | (Legal Instruments Exampler) (Date)                                   |      |         |        |  |        |         |  |             |          |                    |               |       |        |             |        |             |        |  |
| E      | Claims renumbered in the same order as presented by applicant COA CTS |      |         |        |  |        |         |  |             |          |                    |               |       | 1.47   |             |        |             |        |  |
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| 6     3     32     62     92     122     152     182       6     3     33     63     93     123     153     183       7     4     34     64     94     124     154     184       8     5     35     65     95     125     155     185       6     36     66     96     126     156     186       1/7     7     37     67     97     127     157     187       1/0     8     38     68     98     128     158     188       1/2     9     39     69     99     129     159     189       13     10     40     70     100     130     160     190       1/2     11     41     71     101     131     161     191       2     12     42     72     102     132     162     199       3     13     43  | <del></del>   | _    | ь       |        | · [_'  |        |         |  | <b></b>     | _        |                    |               |       | ш      | <u> </u>    |        | Щ           |        |  |
| 6     3     33     63     93     123     153     183       7     4     34     64     94     124     154     184       8     5     35     65     95     125     155     185       9     6     36     66     96     126     156     186       17     7     37     67     97     127     157     187       10     8     38     68     98     128     158     188       12     9     39     69     99     129     159     189       13     10     40     70     100     130     160     190       17     11     41     71     101     131     161     191       21     42     72     102     132     162     192       3     13     43     73     103     133     163     193       4     14     44  | <del>                                   </del>                        | ┦ ├  |         |        |  |        |         |  | _           | -        |                    |               |       |        |             |        | -           |        |  |
| 7     4     34     64     94     124     154     184       8     5     35     65     96     125     155     185       9     6     126     156     186     186     186       17     7     37     67     97     127     157     187       10     8     38     68     98     128     158     188       12     9     39     69     99     129     159     189       13     10     40     70     100     130     160     190       17     11     41     71     101     131     161     191       21     42     72     102     132     162     192       3     13     43     73     103     133     163     193       4     14     44     74     104     134     164     194       15     45     75     105 </td <td></td> <td>-  </td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td>1  </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td>   |   | -    | -       |        |  |        |         | <u> </u>   |             | 1        |                    |               |       |        |             | 1      |             |        |  |
| Second  |   |      |         |        |  |        |         |  | _           | 1 [      |                    |               | :     |        |             | 1      |             |        |  |
| 1/7     7     37     67     97     127     157     187       1/2     9     38     68     98     128     158     188       1/2     9     39     69     99     129     159     189       1/3     10     40     70     100     130     160     190       1/7     11     41     71     101     131     161     191       2     12     42     72     102     132     162     192       3     13     43     73     103     133     163     193       4     14     44     74     104     134     164     194       15     45     75     105     135     165     195       16     46     76     106     136     166     196       17     47     77     107     137     167     197       18     48     78     108  |   | ] [  |         |        |  |        |         |  | <del></del> |          |                    |               |       |        |             | ]      |             |        |  |
| 128  |   | -  - |         | -      |  | _      |         |  |             | -  -     |                    | $\overline{}$ |       |        |             | -      |             |        |  |
| 172     9     39     69     99     129     159     189       13     10     40     70     100     130     160     190       17     11     41     71     101     131     161     191       2 12     42     72     102     132     162     192       3 13     43     73     103     133     163     193       4 14     44     74     104     134     164     194       4 5     75     105     135     165     195       16     46     76     106     136     166     196       17     47     77     107     137     167     197       18     48     78     108     138     168     198       19     49     79     109     139     169     199       20     50     80     110     140     170     200       21     5   |   | i -  |         |        | <u> </u>   |        |         |  |             | ┥┝       |                    |               |       |        |             | -      |             |        |  |
| 13 10 40 70 100 130 160 190   17 11 41 71 101 131 161 191   2 12 42 72 102 132 162 192   3 13 43 73 103 133 163 193   4 14 44 74 104 134 164 194   15 45 75 105 135 165 195   16 46 76 106 136 166 196   17 47 77 107 137 167 197   18 48 78 108 138 168 198   19 49 79 109 139 169 199   20 50 80 110 140 170 200   21 51 81 111 141 171 201   22 52 82 112 142 172 202   23 53 83 113 143 173 203   24 54 84 114 144 174 204   25 55 85 115  | 1   | 1    |         |        | -  |        |         |  | _           | 1 }      |                    |               |       |        |             | -      |             |        |  |
| 17     11     41     71     101     131     161     191       2     12     42     72     102     132     162     192       3     13     43     73     103     133     163     193       4     14     44     74     104     134     164     194       15     45     75     105     135     165     195       16     46     76     106     136     166     196       17     47     77     107     137     167     197       18     48     78     108     138     168     198       19     49     79     109     139     169     199       20     50     80     110     140     170     200       21     51     81     111     141     171     201       22     52     82     112     142     172     202   |   | 1    |         |        |  |        |         |  |             | 1        |                    |               |       |        | <del></del> | 1      |             |        |  |
| 3   13   43   73   103   133   163   193     4   14   44   74   104   134   164   194     15   45   75   105   135   165   195     16   46   76   106   136   166   196     17   47   77   107   137   167   197     18   48   78   108   138   168   198     19   49   79   109   139   169   199     20   50   80   110   140   170   200     21   51   81   111   141   171   201     22   52   82   112   142   172   202     23   53   83   113   143   173   203     24   54   84   114   144   174   204     25   55   85   115   145   175   205     26   56   86  | 14 11   | ] [  |         | 41     |  | 71     |         |  | •           | 1 [      |                    |               |       |        |             | 1      |             |        |  |
| 4     14     44     74     104     134     164     194       15     45     75     105     135     165     195       16     46     76     106     136     166     196       17     47     77     107     137     167     197       18     48     78     108     138     168     198       19     49     79     109     139     169     199       20     50     80     110     140     170     200       21     51     81     111     141     171     201       22     52     82     112     142     172     202       23     53     83     113     143     173     203       24     54     84     114     144     174     204       25     55     85     115     145     175     205       26     56     86   | <b>Z</b> 12   |      |         |        |  |        |         |  |             |          |                    |               |       |        |             |        |             | 192    |  |
| 15     45     75     105     135     165     195       16     46     76     106     136     166     196       17     47     77     107     137     167     197       18     48     78     108     138     168     198       19     49     79     109     139     169     199       20     50     80     110     140     170     200       21     51     81     111     141     171     201       22     52     82     112     142     172     202       23     53     83     113     143     173     203       24     54     84     114     144     174     204       25     55     85     115     145     175     205       26     56     86     116     146     176     206       27     57     87     117 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ļ</td> <td></td>  |   |      |         |        |  |        |         | ļ  |             |          |                    |               |       |        |             |        |             |        |  |
| 16   46   76   106   136   166   196     17   47   77   107   137   167   197     18   48   78   108   138   168   198     19   49   79   109   139   169   199     20   50   80   110   140   170   200     21   51   81   111   141   171   201     22   52   82   112   142   172   202     23   53   83   113   143   173   203     24   54   84   114   144   174   204     25   55   85   115   145   175   205     26   56   86   116   146   176   206     27   57   87   117   147   177   207     28   58   88   118   148   178   208     29   59   89   119   149 </td <td></td> <td></td> <td></td> <td></td> <td>ļ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>  |   |      |         |        | ļ  |        |         |  |             |          | -                  |               |       |        |             | -      |             |        |  |
| 17 47 77 107 137 167 197   18 48 78 108 138 168 198   19 49 79 109 139 169 199   20 50 80 110 140 170 200   21 51 81 111 141 171 201   22 52 82 112 142 172 202   23 53 83 113 143 173 203   24 54 84 114 144 174 204   25 55 85 115 145 175 205   26 56 86 116 146 176 206   27 57 87 117 147 177 207   28 58 88 118 148 178 208   29 59 89 119 149 179 209   |   | ┨ ├  |         |        |  |        |         |  |             |          |                    |               |       |        |             |        |             |        |  |
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| 22 52 82 112 142 172 202   23 53 83 113 143 173 203   24 54 84 114 144 174 204   25 55 85 115 145 175 205   26 56 86 116 146 176 206   27 57 87 117 147 177 207   28 58 88 118 148 178 208   29 59 89 119 149 179 209  |   | 1    |         |        |  |        |         |  |             | ] [      |                    |               |       |        |             |        |             |        |  |
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|  | 30  |      |         | 60     |  | 90     |         |  | 120         | <u> </u> |                    | 150           | }     |        | 180         |        |             | 210    |  |